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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    |   | Application Number       | 09/695,232-Conf. #2896 |
|   |   |    |   | Filing Date              | October 25, 2000       |
|   |   |    |   | First Named Inventor     | Toru Nagai             |
|   |   |    |   | Art Unit                 | 1775                   |
|   |   |    |   | Examiner Name            | A. Sperty              |
| Sheet   | 1 | of | 1 | Attorney Docket Number   | 21776-00055-US         |

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| U.S. PATENT DOCUMENTS |                       |   |                                |  |   |
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| ABS                   | AA                    | US-5439706  | 08-08-1995                     | Richards, et al.                                   |   |

| FOREIGN PATENT DOCUMENTS |                       |  |                                |  |   |
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| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| ABS                      | BA                    | EP-0732139   | 09-18-1996                     | Dyer, et al.                                       |   |
| ABS                      | BB                    | EP-0592809   | 04-20-1994                     | Thorogood, et al.                                  |   |
| ABS                      | BC                    | WO-0048717   | 08-24-2000                     | Waller   |   |

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| ABS                             | CA                    | J.A. CHAVEZ-CARVAYAR, et al., "Nonstoichiometry and Electrical Properties of the Perovskite $\text{Ca}_2\text{Fe}_{1.4}\text{Nb}_{0.6}\text{O}_7$ " Key Engineering Materials Vols. 132-136, 1997, pgs. 1397-1400   |  |  |
| ABS                             | CB                    | Peter D. BATTLE, et al., "Investigation of Magnetic Frustration in $\text{A}_2\text{FeMO}_6$ (A=Ca, Sr, Ba; M=Nb, Ta, Sb) by Magnetometry and Moessbauer Spectroscopy" J. Material Chemistry, Vol. 5, No. 6, pgs. 865-870, 1995                                 |  |  |
| ABS                             | CC                    | T.J. GRAY, "Strontium Ceramics for Chemical Applications" Journal of Power Sources Vol. 6, pgs. 121-142, 1981   |  |  |
| ABS                             | CD                    | N.E. TROFIMENKO, et al., "Structure, Oxygen Stoichiometry and Electrical Conductivity in the System Sr-Ce-Fe-O" Solid State Ionics, Vol. 99, pgs. 201-214, 1997   |  |  |
| ABS                             | CE                    | Database Inpec "Online" Institute of Electrical Engineers Stevenage, Article No. XP002228919  |  |  |

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| AS                              |                          | Donhang LIU et al., "Structure order-disorder and dielectric response in perovskite-related SrO-Fe <sub>2</sub> O <sub>3</sub> -Nb <sub>2</sub> O <sub>6</sub> system: The oxygen-deficient composition Sr(Fe <sub>1-x</sub> Nb <sub>x</sub> )O <sub>2.5+y</sub> (x=0.17, 0.25, 0.50)", XP-002189837, J. Appl. Phys., Vol. 74, No. 5, September 1, 1993, pps. 3345-3356. |                |

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